

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions,
and listings of claims in the application:

LISTING OF CLAIMS:

1-10. (cancelled)

11. (currently amended) A tonometric device (20) for
examination of respiratory insufficiency and regional tissue
perfusion failure in patients comprising:

a distal end (22) for introducing into the
gastrointestinal tract of the body of a patient,

a section (24) ~~to be introduced~~ into the body, and

a section (3) for fixing the position of the device to
the patient,

wherein the section to be introduced (24) comprises:

_____ a first tube (1) to which an additional tubing (4)
is connected, ~~characterized in that it comprises~~

a second tube (2) arranged substantially parallel with
and fixed to the first tube (1), wherein the distal end (22) of
the second tube (2) is in communicating connection with the first
tube (1), wherein the distal end (22) of the second tube (2) is
in communicating connection with the first tube (1), and the
first tube (1) and the second tube (2) are made of a material
readily permeable for gases and substantially impermeable for

body fluids and other substances, and an additional tubing (5) is connected to the second tube (2), wherein the outer diameter of the first tube (1) ranges from 2 to 4 mm and its wall thickness from 0.5 to 1.0 mm, and the outer diameter of the second tube (2) ranges from 1.0 to 1.5 mm and its wall thickness from 0.3 to 0.5 mm

~~wherein the additional tubings (4, 5) are connected to each other and form a closed system with the tubes (1, 2), wherein the closed system is filled up with an aqueous solution suitable for detecting carbon dioxide concentration, said solution containing sodium hydrogen carbonate (NaHCO_3), sodium chloride (NaCl) and phenolic red.~~

12. (cancelled)

13. (cancelled)

14. (previously presented) A device as claimed in claim 11, wherein the connecting means (6, 7) are constructed for connecting them to the connecting stub of a medical syringe.

15. (previously presented) A device as claimed in claim 11, wherein the outer diameter of the tubes (1, 2) ranges from 1 to 4 mm and the wall thickness ranges from 0.3 to 1.0 mm.

16. (cancelled)

17. (currently amended) A device as claimed in claim~~16~~
11, wherein the second tube (2) is formed as a second passage
(2') in the wall surrounding the passage (1') of the first tube (1).

18. (cancelled)

19. (previously presented) The device according to
claim 11, wherein the first tube (1) and the second tube (2) are
made of silicone rubber.

20. (previously presented) The device according to
claim 11, wherein a gas of the gases is carbon dioxide.